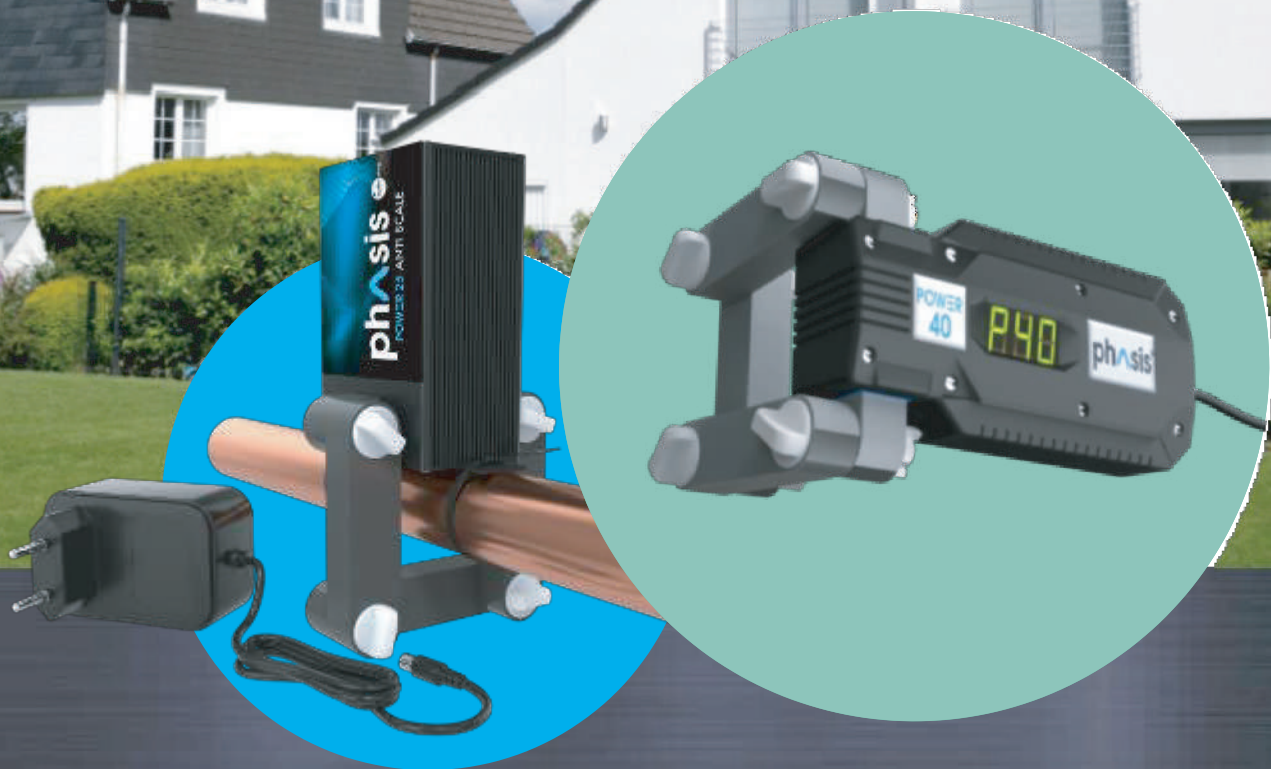


phasis[®]

ANTI-SCALE



Hydro-Shop fbw GmbH · Warnckesweg 1 · 22453 Hamburg · Alemania





The purpose and use of Phasis water conditioner

Solid deposits, or limescale, may form inside pipes and various equipment that have contact with water during operation. The limescale growth is particularly intense in heating and water evaporation areas, such as boiler tubes in heat exchangers, evaporators, and other equipment.

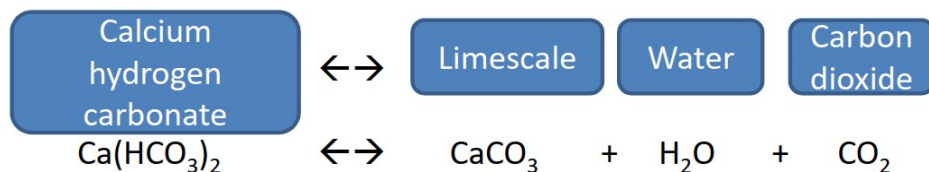
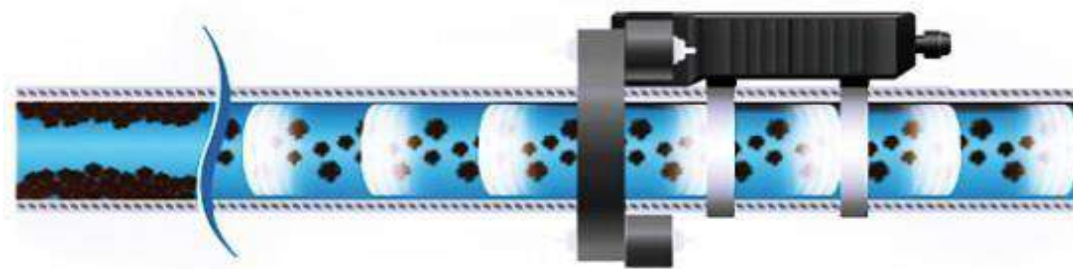
Limescale is formed when the soluble calcium ions, magnesium, carbonate ions, and sulphate ions in water crystallize on pipe and equipment surfaces.

Limescale narrows pipe cross-sections, which often causes local overheating and damages equipment. It is ten to hundreds of times less thermally conductive than steel, so even a thin limescale layer can dramatically reduce boiler and heat exchanger efficiencies.

Equipment cleaning is a time-consuming process that requires shutting down and disassembling the equipment. Cleaning without following proper protocols often damages the equipment.

The Phasis active electronic water conditioner prevents limescale from depositing on the inner surfaces of pipes, boilers, and heat-exchangers. It promotes the removal of the existing deposits and inhibits internal corrosion.

Using the Phasis water conditioner can reduce downtime, fuel/energy costs, and increase equipment maintenance intervals. It also simplifies the cleaning process and extends equipment service life.



MODEL PHASIS

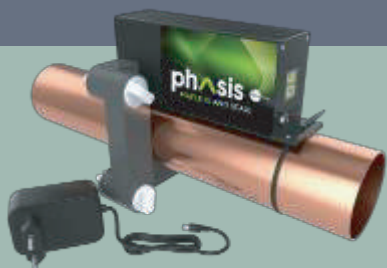
Active electronic water conditioner

- ✓ Phasis is suitable for all pipe materials - iron, copper, steel, plastic, PVC, etc.
- ✓ The devices work at any hardness level.
- ✓ Phasis is environmentally friendly as no chemicals need to be used. Phasis devices provide improved energy efficiency and therefore ensure lower heating costs.



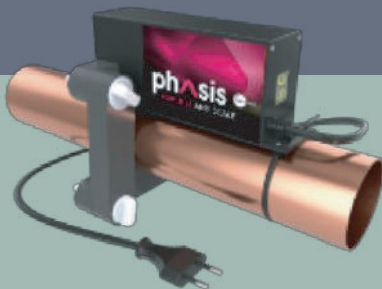
phasis® POWER25

Tube max: Ø 40 mm
Induction power: 25 - 30 volts
Dimensions: L 102 mm x W 43 mm x H 104 mm
Installation size: L 102 mm x W 86 mm x H 165 mm



phasis® POWER30

Tube max: Ø 48 mm
Induction power: 30 - 35 volts
Dimensions: L 189 mm x W 43 mm x H 68 mm
Installation size: L 189 mm x W 109 mm x H 145 mm



phasis® POWER35

Tube max: Ø 60mm
Induction power: 35 - 40 volts
Dimensions: L 189 mm x W 43 mm x H 68 mm
Installation size: L 189 mm x W 123 mm x H 158 mm



phasis® POWER 40-50-80-100

Tube max: Ø 48 - 62 - 115 - 132mm
Induction power: 45 - 100 volts
Dimensions: L 180 mm x W 47 mm x H 86 mm

Use residential, commercial

Industrial: XL Custom 6 to 12", XXL Custom 6 to 26". Please contact & find more information on the web site <https://es.mypphasis.com>



	TYPE	POWER 25	POWER 30	POWER 35
Residential	Max diameter, mm	40	48	60
	Output voltage, Volt	25-30	30-35	35-40
	Main dimensions, mm	102x43x104	189x43x68	189x43x68
	Ferrite number	1 long, 3 short	1 long, 3 short	1 long, 3 short
	Weight, Kg	1.9	2	2
	Input Voltage, Volt	110-230	110-230	110-230
	Power consumption, W	2	2.5	3
	Output Frequency, KHz	120-150	120-150	120-150
	Water dust protection	IP65	IP65	IP65
	Working temperature	Max. 60°C	Max. 60°C	Max. 60°C
	Water temperature	0-115°C	0-115°C	0-115°C

	TYPE	POWER 40	POWER 50	POWER 80	POWER 100
Commercial	Max diameter, mm	48	62	115	132
	Output voltage, Volt	45-55	50-60	70-85	85-100
	Main dimensions, mm	180x47x86	180x47x86	180x47x86	180x47x86
	Ferrite number	1 long, 3 short	1 long, 3 short	1 long, 5 short	6 long
	Weight, Kg	2.2	2.3	2.4	2.5
	Input Voltage, Volt	110-230	110-230	110-230	110-230
	Power consumption, W	3-4	4	5	7
	Output Frequency, KHz	120-150	120-150	120-150	120-150
	Water dust protection	IP65	IP65	IP65	IP65
	Working temperature	Max. 60°C	Max. 60°C	Max. 60°C	Max. 60°C
	Water temperature	0-115°C	0-115°C	0-115°C	0-115°C



CE



Hydro-Shop fbw GmbH · Warnckesweg 1 · 22453 Hamburg · Alemania
<https://es.myphasis.com>